

ABSTRACT

The abstract is provided below on a separate sheet of paper:

A flexible garment system which is capable of emitting heat when an electrical current is applied, comprising an electrically insulating fibre rich base structure (4) incorporating an electrically and thermally conductive area (1) and at least two power supply lines (2). The heating element consists of a woven, knitted or non-woven fabric (1) containing fibres that are both electrically and thermally conductive. Two or more fabric-based power supply lines (2) are incorporated to supply the panel with electric current, which are connected to the power supply via suitable electrically conductive fasteners (3).